

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) A method comprising:

monitoring, at a router, a control signaling message transmitted between two network end-points, the control signal message being component-specific for one of: separate audio, video and data component streams, the audio, video and data component streams each forming a separate media component of a plurality of separate media components of a multimedia stream transmitted between the two network end-points;

notifying a service control point about the separate media components;

determining, at the ~~routing means~~router, that the separate media components are associated with a call between the two network end-points; and

applying, at the router, a connection control issued by the service control point to the separate media components, wherein the connection control enables:

modification of terminal capability information of the control signaling message related to the separate media components, and

separate relaying of the component specific control signaling message to a respective one of the separate media components related.

2. (Previously Presented) The method according to claim 1, wherein monitoring the component-specific control signaling message includes receiving, at call control means, a media component control signaling message.

3. (Previously Presented) The method according to claim 1, wherein notifying the service control point comprises:

sending a message to the service control point; and

waiting for a response from the service control point.

4. (Previously Presented) The method according to claim 1, wherein notifying the service control point comprises:

sending a message to the service control point;

waiting for a response from the service control point;
receiving a message from the service control point; and
sending a modified component signaling message from call control means.

5. (Previously Presented) The method according to claim 2, wherein during the monitoring, if the component-specific control signaling messages are routed via media proxy means, the method further comprises:

call control means requesting a report of media component related events from the media proxy means, and

the media proxy means informing the call control means of the media component related events.

6. (Previously Presented) The method according to claim 1, wherein the multimedia stream is routed via media proxy means communicating with call control means.

7. (Previously Presented) The method according to claim 1, wherein notifying the service control point comprises:

sending a message from call control means to the service control point; and
waiting for a response from the service control point to the call control means.

8. (Original) The method according to claim 2, wherein the media component control signaling message describes opening, closing or modifying a media component.

9. (Previously Presented) The method according to claim 2, wherein the media component control signaling message is associated with a call signaling message.

10. (Previously Presented) The method according to claim 6, wherein determining that the separate media components are associated with the call is performed in the media proxy.

11. (Previously Presented) The method according to claim 10, further comprising:
issuing a connection control request from the service control point to the call control means;

issuing the connection control request from the call control means to the media proxy means; and

switching the separate media components by the media proxy means in accordance with the connection control request.

12. (Previously Presented) The method according to claim 11, wherein the switching of the separate media components includes switching IP packet payloads carrying one of the separate media components between an incoming packet stream and an outgoing packet stream.

13. (Previously Presented) A network system comprising:

a service control point for providing media component control signaling messages between two network endpoints for a multimedia call, the control signaling being component-specific to one of: separate audio, video and data component streams, the audio, video and data component streams each forming a separate media component of a plurality of separate media components forming a multimedia stream transmitted between the two network endpoints;

one or more detection points configured to report to at least one of routing means and the service control point in response to a trigger; and

the routing means for:

monitoring the media component control signaling between the two end-points,

notifying the service control point about the separate media components,

determining that the separate media components are associated with a call between the two end-points, and

applying a connection control issued by the service control point to the separate media components, wherein the connection control enables:

modification of terminal capability information of component control signaling messages related to the separate media components, and

separate relaying of component control signaling messages to a respective one of the separate media components.

14. (Previously Presented) The network system according to claim 13, wherein the routing means comprises call control means and media proxy means and wherein the routing means is further configured to receive a media component control signaling message.
15. (Previously Presented) The network system according to claim 13, wherein the routing means is further configured to send a message to the service control point and wait for a response from the service control point.
16. (Previously Presented) The network system according to claim 13, wherein the routing means is further configured to send a message to the service control point, wait for a response from the service control point, receive a message from the service control point and send a modified component control signaling message from call control means.
17. (Previously Presented) The network system according to claim 14, wherein, if media component control signaling messages are routed via the media proxy means, the call control means is configured to request a report of media component related events from the media proxy means and the media proxy means is configured to inform the call control means of the media component related events.
18. (Previously Presented) The network system according to claim 13, wherein the multimedia stream is routed via media proxy means communicating with call control means.
19. (Previously Presented) The network system according to claim 13, wherein the routing means is configured to:
 - send a message from call control means to the service control point; and
 - wait for a response from the service control point to the call control means.
20. (Original) The network system according to claim 14, wherein the media component control signaling message describes opening, closing or modifying a media component.

21. (Previously Presented) The network system according to claim 14, wherein the media component control signaling message is associated with a call signaling message.
22. (Previously Presented) The network system according to claim 18, wherein the media proxy means is configured to determine that the separate media components are associated with the call.
23. (Previously Presented) The network system according to claim 22, wherein, for the connection control, the service control point is configured to issue a connection control request to the call control means, the call control means is configured to issue the connection control request to the media proxy means and the media proxy means is configured to switch the separate media components in accordance with the connection control request.
24. (Previously Presented) The network system according to claim 23, wherein switching the separate media components includes switching IP packet payloads carrying one of the separate media components between an incoming packet stream and an outgoing packet stream.
- 25-30. (Cancelled).
31. (Previously Presented) An apparatus comprising:
a processor configured to:
 - monitor, in a router, a control signal message between two network end-points, the control signal being specific to one of: separate audio, video and data component streams, the audio, video and data component streams each forming a separate media component of a plurality of media components forming a multimedia stream transferred between the two network end-points;
 - notify a service control point about the separate media components;
 - determine, at the router, that the separate media components are associated with a call between the two network end-points; and
 - apply, at the router, connection control issued by the service control point to the separate media components, wherein the connection control enables:
 - modification of terminal capability information of the control signaling message related to the separate media components, and

separate relaying of component-specific control signaling messages to each of the separate media components.

32. (Previously Presented) The apparatus of claim 31, wherein the router includes call control means and media proxy means.

33. (Previously Presented) The apparatus according to claim 31, wherein the processor is further configured to:

send a message to the service control point; and
wait for a response from the service control point.

34. (Previously Presented) The apparatus according to claim 31, wherein the processor is further configured to:

send a message to the service control point;
wait for a response from the service control point;
receive a message from the service control point; and
send a modified component signaling message from call control means.

35. (Previously Presented) The apparatus according to claim 31, wherein the processor is further configured to:

send a message from call control means to the service control point; and
wait for a response from the service control point to the call control means.

36. (Previously Presented) The method of claim 1, wherein modification of the control signaling messages related to the separate media components includes modifying a logical channel description.

37. (Previously Presented) The method of claim 5, wherein reporting the media component related events is performed by one or more detection points based on specified trigger criteria.

38. (Previously Presented) The method of claim 37, wherein the specified trigger criteria include a message type.

39. (Previously Presented) The method of claim 38, wherein the specified trigger criteria include a message origin.

40. (Previously Presented) The network system of claim 13, wherein the one or more detection points are configured to report at least one of a logical channel opening message and a logical channel closing message.

41. (Previously Presented) The method of claim 1, further comprising:
intercepting, at the router, a logical channel description for one or more of the separate media components; and
receiving, at the router, a modified logical channel description from the service control point.

42. (New) The method of claim 1, wherein the service control point is a network element separate from the two network end-points.

43. (New) The network system of claim 13, wherein the service control point is a network element separate from the two network end-points.

44. (New) The apparatus of claim 31, wherein the service control point is a network element separate from the two network end-points.